

REMARKS

We are in receipt of the Office Action dated March 10, 2003, and the above Amendment and following remarks are made in light thereof.

Claims 1-29 are pending in the application. Pursuant to the Office Action, claims 1-4, 7-10, 13-16, and 19-24 stand rejected as being unpatentable over Murayama et al. 5,227,252 in view of Zeto et al. 5,163,220. Claims 5-6, 11-12, 17-18, and 25-29 are rejected as being unpatentable over Murayama et al. in view of Zeto et al. in view of Yudasaka et al. 6,359,606. Claims 1, 7 and 13 are also objected to for a lack of clarity.


In response, Applicant has amended claims 1, 2, 4, 13, 14, and 16 and cancelled claims 5, 7-12, 17, and 19-29. Amended claim 1 requires that at least one wiring is interposed between the insulator and the anode, wherein the wiring is formed in contact with one edge of the anode and an insulating film is covering both edges of the anode. Amended claim 13 requires that a first wiring and a second wiring are interposed between the insulator and the anode, wherein the first wiring is formed in contact with one edge of the anode and the second wiring is formed in contact with the other edge of the anode, the first and second wiring extending in the first direction, and an insulating film covering both edges of the anode. Applicant believes that these features distinguish these claims over the cited references.

Additionally, new claims 30-48 have been added. Independent claim 34 is directed to a driver circuit which is mounted by a COG system (Fig. 2). Independent claim 39 is directed to a stick driver electrically connected to the anode through an anisotropic electrically conducted material (Fig. 4A). Independent claim 44 discloses a stick driver electrically connected to the anode through a metal wire (Fig. 4B).

In the Office Action, the Examiner indicated that the corrected or substitute drawings accompanying Amendment A were not accepted. In response, Applicant is submitting herewith a proposed substitute Fig. 1A.

Applicant respectfully submits that in view of the foregoing Amendment and remarks, the application is in condition for allowance, and an early Office Action in this regard is earnestly requested.

Respectfully submitted,

A handwritten signature in cursive script, reading "Stephen B. Heller", is written over a horizontal line.

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

1. (Currently Amended) A light emitting apparatus, comprising:

an insulator;

a plurality of light emitting elements over the insulator, the light emitting element comprising:

an anodes formed on over said insulator, ~~the anodes arranged in a form of stripes;~~

at least one wiring interposed between the insulator and the anode wherein the wirings is
formed in contact with ~~portions in~~ one edge of each of the anodes;

an insulating film covering at least both edges of the anode;

a cathodes formed over said insulator; and

a luminescent materials interposed between said anodes and said cathodes.

2. (Currently Amended) An apparatus according to claim 1, wherein said wirings ~~are~~ is formed of a metal film.

4. (Currently Amended) An apparatus according to claim 1, wherein said anodes ~~are~~ is formed of electrically conductive oxide films.

13. (Currently Amended) A light emitting apparatus, comprising:

an insulator;

a plurality of light emitting elements over the insulator, the light emitting element comprising:

an anodes formed ~~on~~ over said insulator, the anodes ~~arranged in a form of stripes~~
extending in a first direction;

first wiring and second wiring interposed between the insulator and the anode wherein
the first wiring[s] is formed in contact with ~~portions in each of~~ one edge of the anodes, the

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second wiring is formed in contact with another edge of the anode, and ~~said wirings~~ the first wiring and the second wiring are extending in the first direction;

an insulating film covering both edges of the anode;

a cathodes formed over said insulator; and

a luminescent materials interposed between said anodes and said cathodes,

~~wherein said wirings are made of a material lower in resistance than that of said anodes.~~

14. (Currently Amended) An apparatus according to claim 13, wherein ~~said wirings~~ the first wiring and the second wiring are formed of metal films.

16. (Currently Amended) An apparatus according to claim 13, wherein ~~said anodes are~~ is formed of electrically conductive oxide films.